

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	hirao.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:42
S2	9	memita.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:43
S3	2	S2 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:43
S4	3	fukita.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:45
S5	366	yamada.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:44
S6	45	yamada.in. and ester and ethylene oxide and monocarboxylic acid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:44
S7	23	yamada.in. and ester and ethylene oxide and monocarboxylic acid and neopentyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:46
S8	21	S7 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:45

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S9	516	tanaka.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:46
S10	14	tanaka.in. and ester and ethylene oxide and monocarboxylic acid and neopentyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:46
S11	11	S10 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/13 11:23
S12	5	hoshikawa.in. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:47
S13	19	honda.asn. and ester and ethylene oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 14:47
S14	17	S13 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 15:02
S15	903	(lubricate or lubricant or lubricating) and ester and ethylene oxide and monocarboxylic acid and neopentyl and alkylene oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:03
S16	684	(lubricate or lubricant or lubricating) and ester same ethylene oxide and monocarboxylic acid and neopentyl and alkylene oxide same ester	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 15:04
S17	57	(lubricate or lubricant or lubricating) and ester same ethylene oxide and monocarboxylic acid near9 aliphatic and neopentyl and diol and alkylene oxide same ester	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 15:04

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S18	56	(lubricate or lubricant or lubricating) and ester same ethylene oxide and monocarboxylic acid near9 aliphatic and neopentyl and diol and alkylene oxide same ester and (mol or mole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 15:05
S19	21	(lubricate or lubricant or lubricating) and ester same ethylene oxide and monocarboxylic acid near9 aliphatic and neopentyl same diol and alkylene oxide same ester and (mol or mole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 15:10
S20	20	(lubricate or lubricant or lubricating) and ester and ethylene oxide and monocarboxylic acid	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/05 15:10
S21	1	("4826633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:22
S22	1	("5081280").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:23
S23	1	("5290465").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:23
S24	1	("5503761").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:24
S25	1	("5705086").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:24
S26	1	("5707944").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:25
S27	1	("5716916").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:26
S28	1	("5830833").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:26

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S29	1	("5895778").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:27
S30	1	("5976399").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:27
S31	1	("6177387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:28
S32	1	("6265361").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:29
S33	1	("6436881").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:29
S34	1	("6444626").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/07 13:30
S35	22	(lubricate or lubricant or lubricating) and ester and ethylene oxide and monocarboxylic acid and neopentyl and alkylene oxide and 508/485. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/07 13:59
S36	27	mobil p-41	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/07 13:59
S37	2	jp-07305079-\$ .did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:11
S38	2	jp-2001139978-\$ .did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:06
S39	2	jp-07228642-\$ .did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:06
S40	0	jp-5464264-\$ .did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:07
S41	2	jp-59122595-\$ .did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:07

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S42	0	jp-6479299-\$ did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 14:08
S43	56	508/485.ccls. and ester and (ethylene oxide or alkylene oxide) and monocarboxylic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:12
S44	45	508/485.ccls. and ester and (ethylene oxide or alkylene oxide) and monocarboxylic acid and mol	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:13
S45	5530	ester and (lubricate or lubricant or lubricating) and neopentyl glycol and pentaerythritol	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:14
S46	1344	ester and (lubricate or lubricant or lubricating) and neopentyl glycol and pentaerythritol and mol and monocarboxylic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:14
S47	1039	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:15
S48	69	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid near5 aliphatic near5 saturated	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:15
S49	706	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:16
S50	367	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and internal combustion engine	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:16
S51	204	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and internal combustion engine and antioxidant and (detergent or dispersant) and viscosity index	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 14:17
S52	76	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and internal combustion engine and antioxidant and (detergent or dispersant) and viscosity index and diol and polyol	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 16:14

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S53	1	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and internal combustion engine and antioxidant and (detergent or dispersant) and viscosity index and diol and polyol and total acid value	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 15:59
S54	76	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol same ester and mol and monocarboxylic acid and internal combustion engine and antioxidant and (detergent or dispersant) and viscosity index and diol and polyol	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/11 16:00
S55	16	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and monocarboxylic acid	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/11 16:01
S56	18	ester and (lubricate or lubricant or lubricating) and neopentyl glycol same pentaerythritol and mol and monocarboxylic acid and total acid value	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:50
S57	5474	polyol polyether	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:50
S58	915	polyol polyether and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:50
S59	138	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:50
S60	114	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid and (alkylene oxide or ethylene oxide)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:50
S61	71	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid and (alkylene oxide or ethylene oxide) and neopentyl	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:51
S62	58	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid and (alkylene oxide or ethylene oxide) and neopentyl and diol and polyol	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 10:52

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S63	58	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid and (alkylene oxide or ethylene oxide) and neopentyl and diol and polyol and ester	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/12 11:00
S64	0	polyol polyether and (lubricate or lubricant or lubricating) and monocarboxylic acid and (alkylene oxide or ethylene oxide)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/12 11:00
S65	28	polyol polyether and (lubricate or lubricant or lubricating)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/12 11:00
S67	20	antioxidant near5 wt and (detergent or dispersant) near5 wt and viscosity index improver near5 wt and (lubricant or lubricate or lubricating) and internal combustion engine	USPAT	ADJ	ON	2006/10/13 11:24